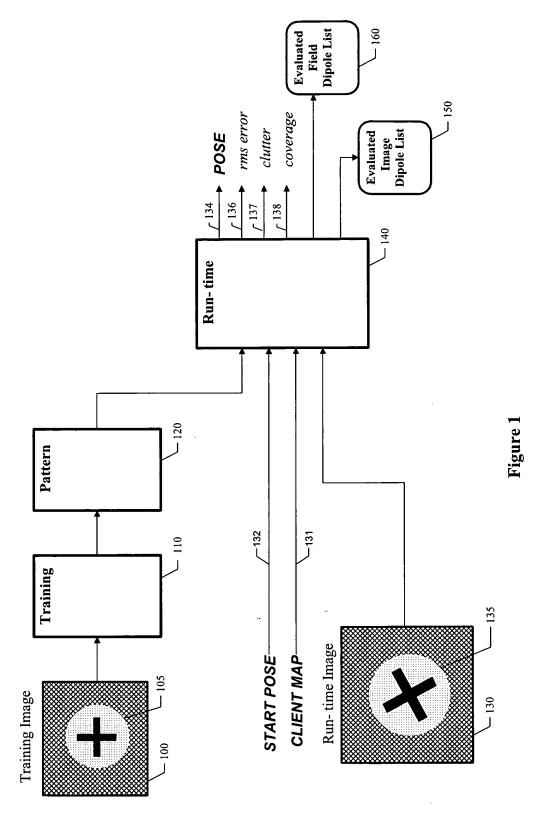


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Fast High-Accuracy MultiDimensional Pattern Inspection
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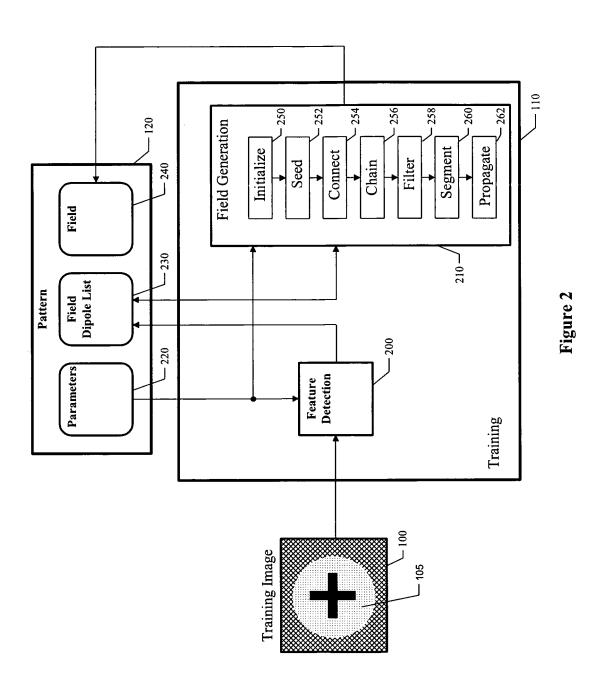
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Figure 1A

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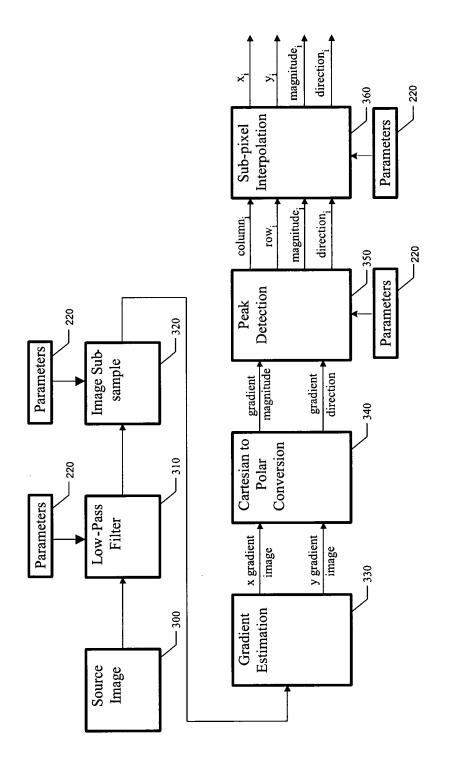


Figure 3

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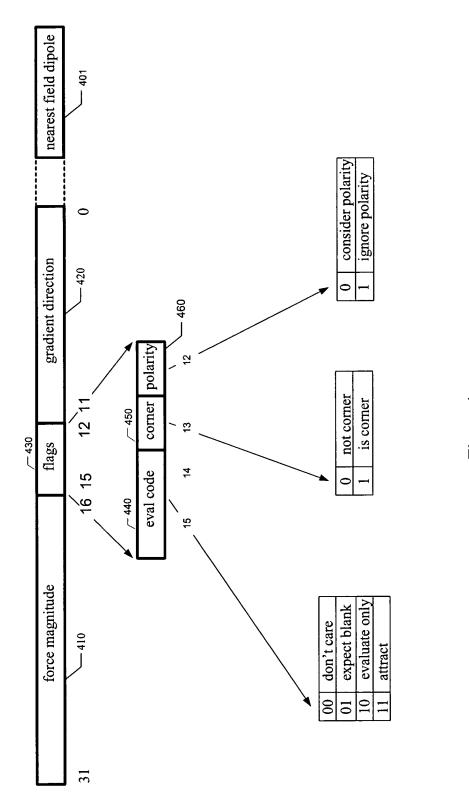


Figure 4

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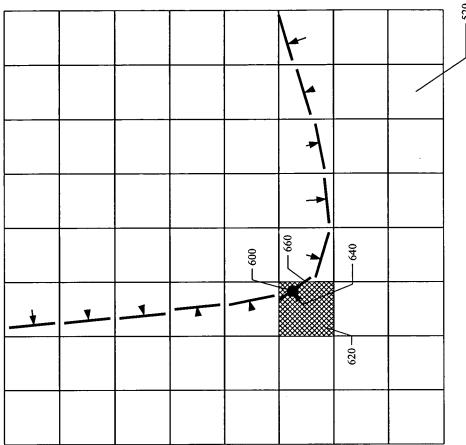


Figure 5

Figure 6

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Figure 7c **—** 762 Figure 7b +2 764 7 799*L* ر 120 Figure 7a 620 7007

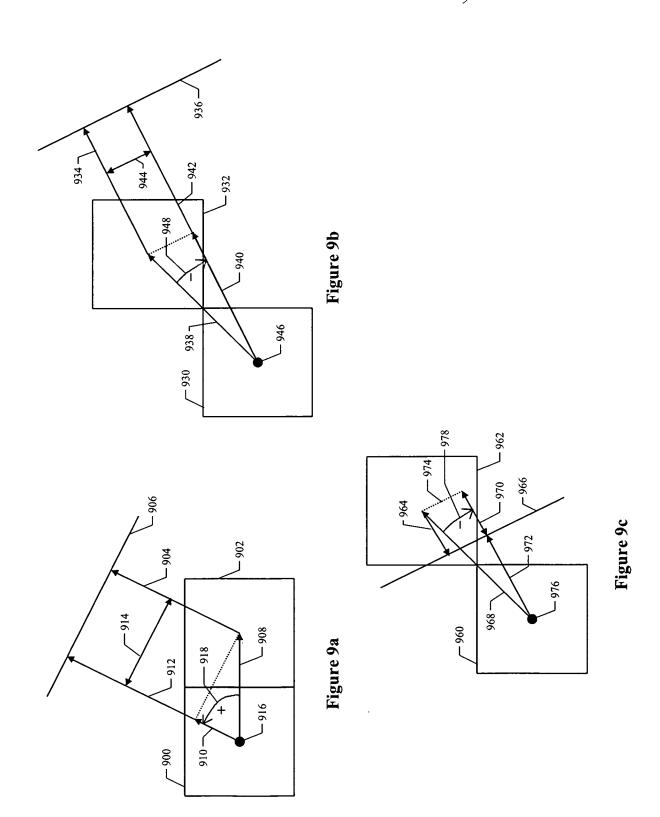
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Figure 8

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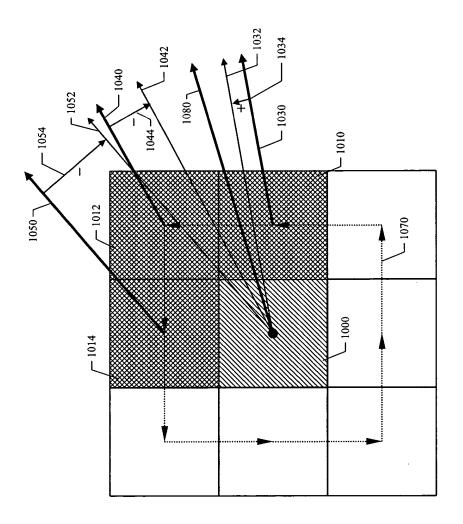


Figure 10

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Fast High-Accuracy MultiDimensional Pattern Inspection

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Fast High-Accuracy MultiDimensional Pattern Inspection
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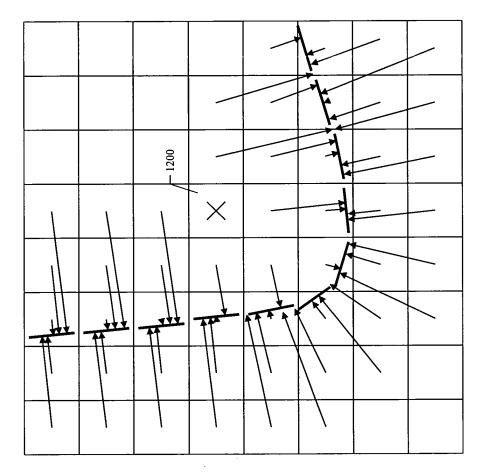


Figure 12

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Evaluated Field Dipole List 150 7136 rms error coverage \_134 **POSE** clutterImage Dipole List Evaluated -138 140 Attraction -1350ار 120 -1300Field Image Dipole List Run - time Dipole List Pattern Field 200 Parameters Feature Detection 135 Run- time Image START POSE ► CLIENT MAP ►

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Figure 13

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Fast High-Accuracy MultiDimensional Pattern Inspection
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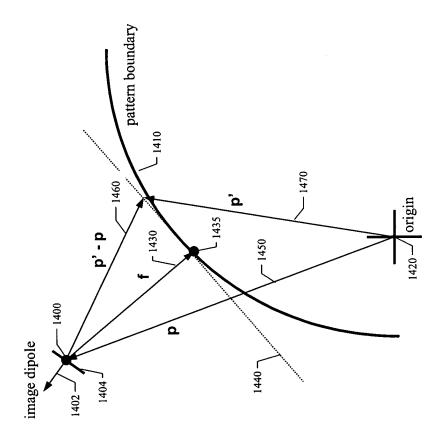


Figure 14

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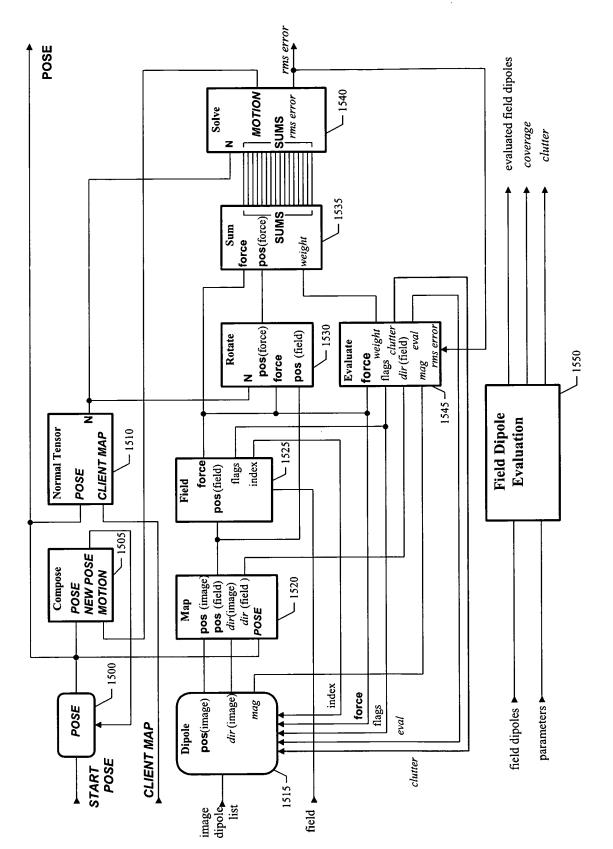


Figure 15

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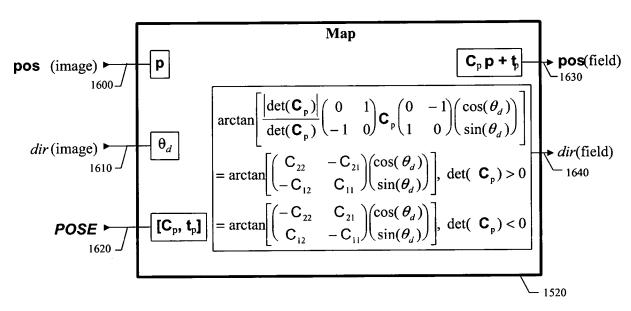


Figure 16

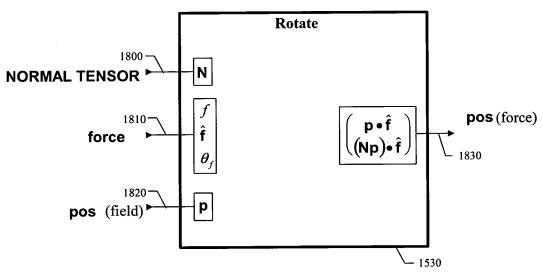


Figure 18

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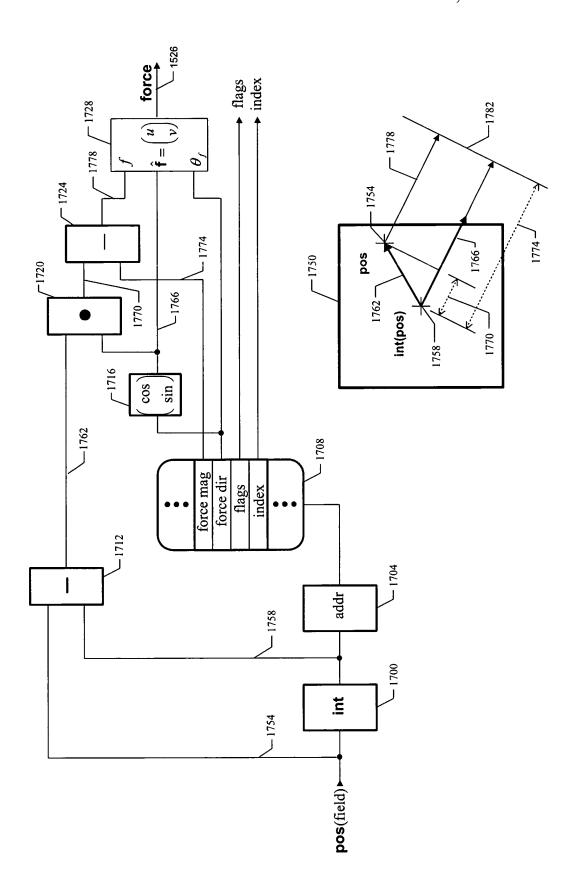


Figure 17

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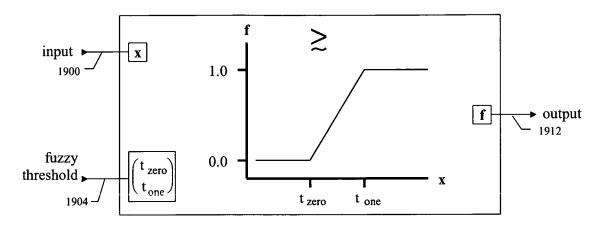


Figure 19a

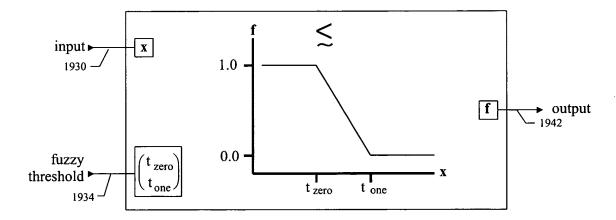


Figure 19b

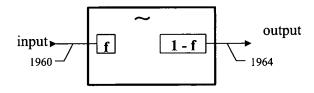


Figure 19c

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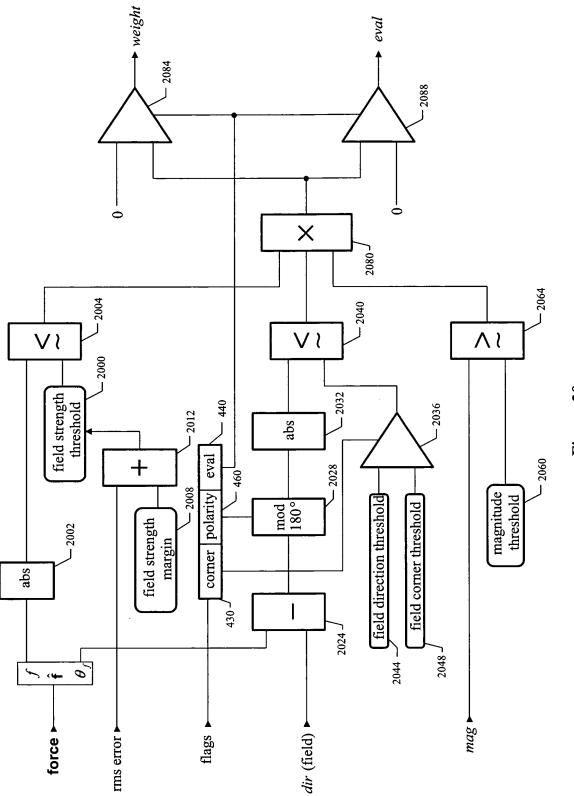
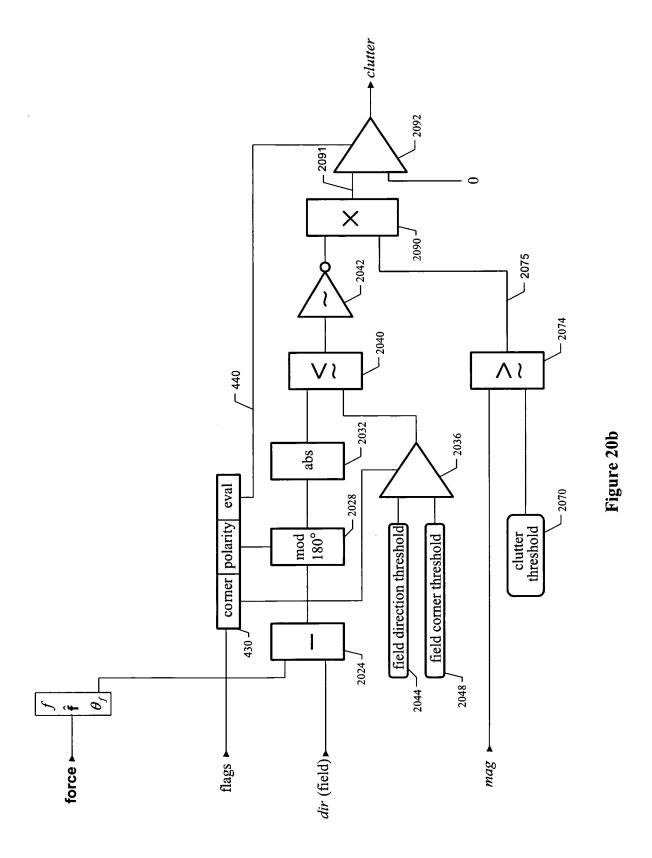


Figure 20a

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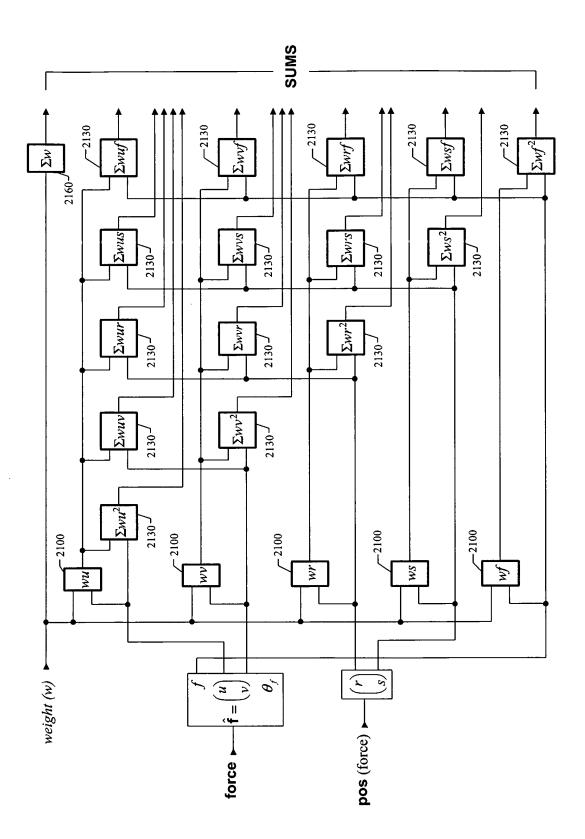


Figure 21

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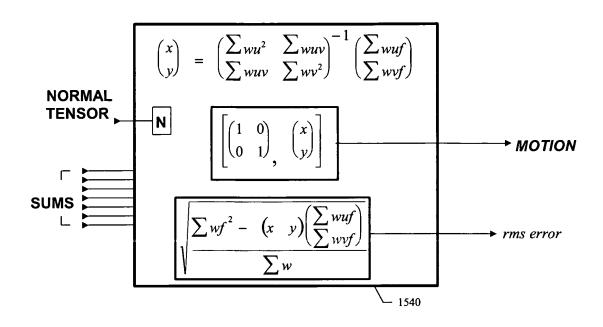


Figure 22a

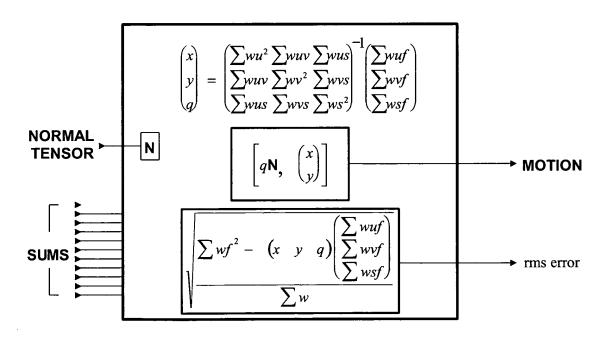


Figure 22b

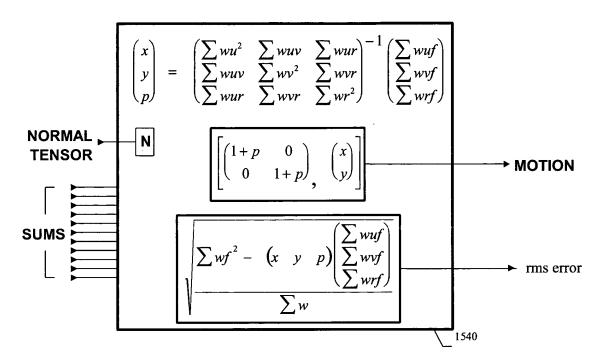


Figure 22c

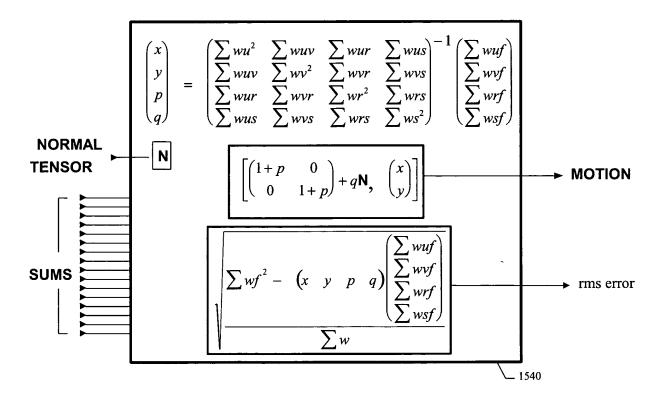


Figure 22d

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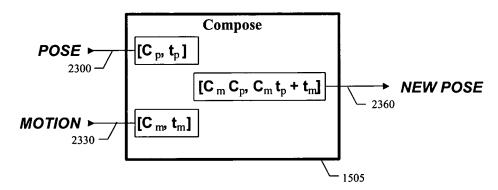


Figure 23

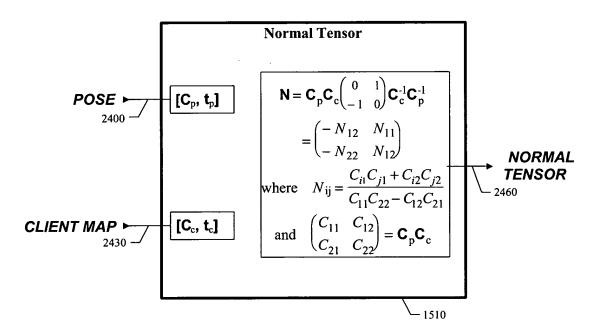


Figure 24

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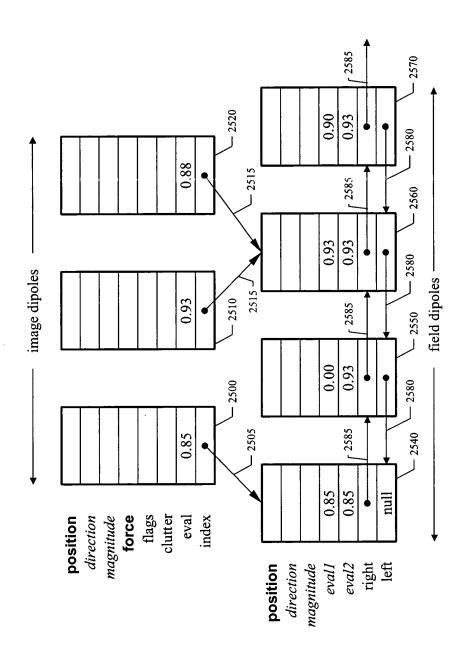


Figure 25

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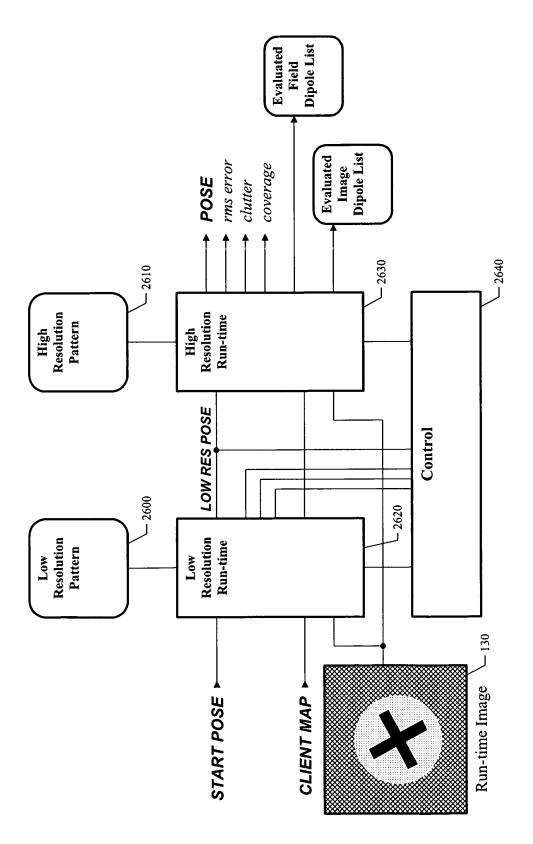


Figure 26

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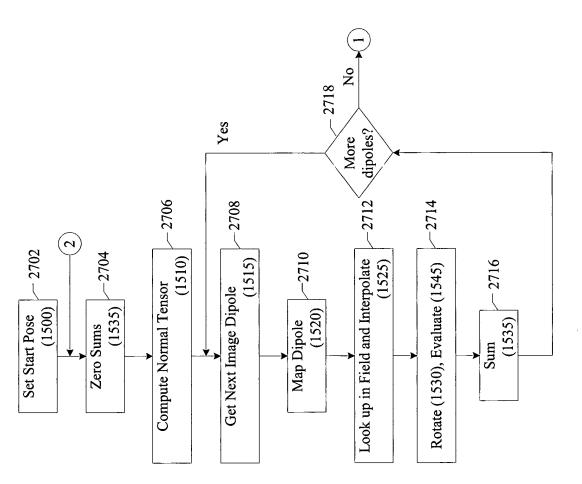


Figure 27a

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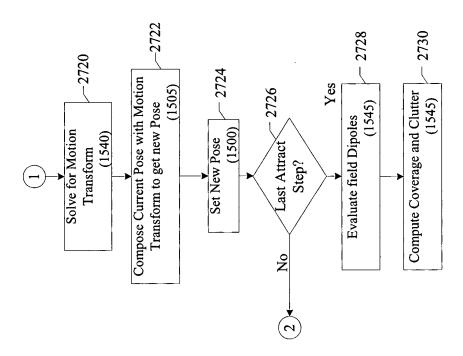


Figure 27b

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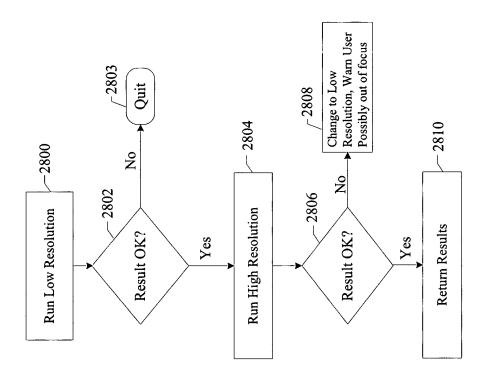


Figure 28